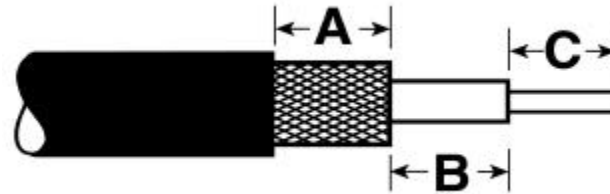


Basic Material

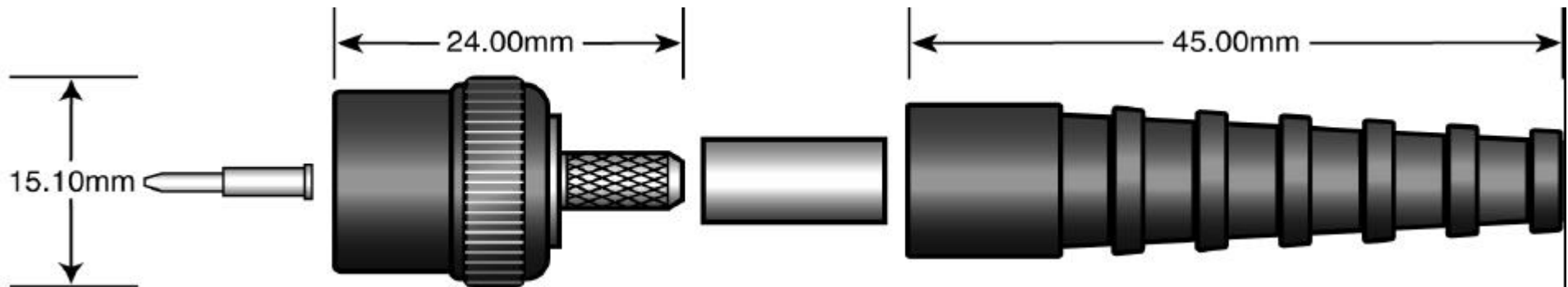
Item	Material	Plating
BODY	Brass	Nickel
PIN	Brass	Gold
INSULATOR	Delrin	-



A	8mm
B	3mm
C	3mm

Crimp tool hex sizes:

PIN	1.69mm
FERRULE	5.41mm



VITELEC[®]
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Drawn by:

SS

Description:

Revision: 1

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Checked by:

AT

BNC Insulated Crimp plug (grey) for RG58 cable type

Approved by:

Date:

26.03.99

Part No:

VBI18-2051

Electrical



Impedence	50 OHMS standard, 75 OHMS where indicated	
Frequency	50 OHMS - DC to 4GHZ	75 OHMS - DC to 1GHZ
Insulation resistance	5000 MOHMS min.	
Inner contact resistance	1.5 mOHMS max.	
Outer contact resistance	0.5 mOHMS max.	
Working voltage	500V RMS max.	
Dielectric withstanding voltage	1500V RMS max.	
VSWR	1.35 : 1 max. (cable fixing connectors only)	
Insertion loss	0.2dB max. @ 3GHZ	
RF leakage	-55dB max. @ 3GHZ	

Mechanical & Environmental

Cable retention	Equal to breaking strain of cable (cable fixing connectors only)
Durability	500 mating minimum
Temperature range	-55°C to +85°C



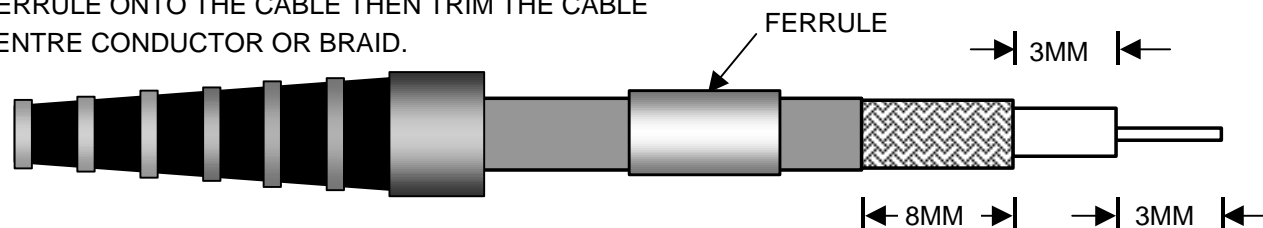
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Checked by:		BNC Insulated Crimp plug (grey) for RG58 cable type		
Approved by:				
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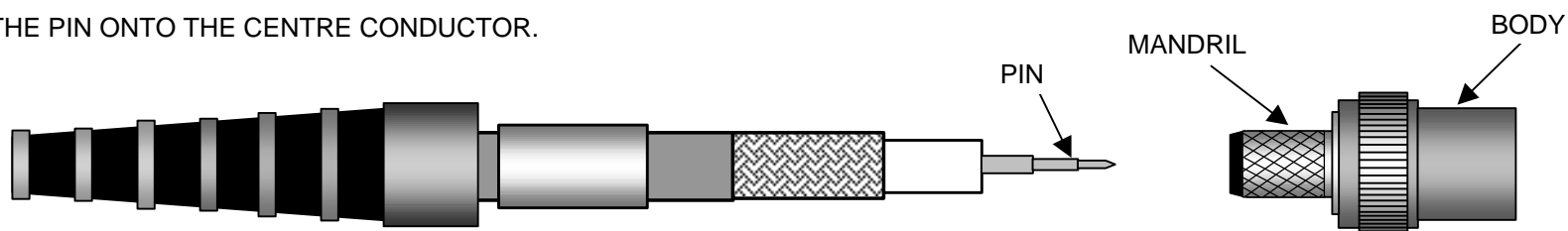
Assembly Instructions

These connectors comprise of 4 components: Body, Pin, Ferrule & strain relief sleeve which are identified below.

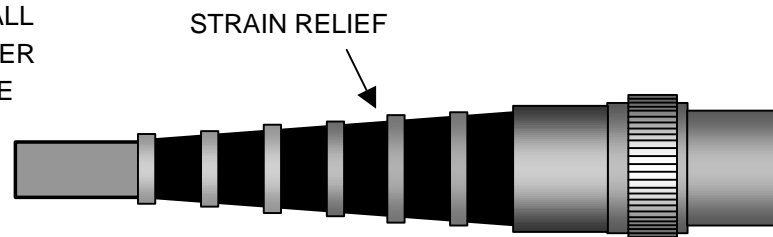
- 1) SLIDE THE STRAIN RELIEF SLEEVE AND THE FERRULE ONTO THE CABLE THEN TRIM THE CABLE AS SHOWN TAKING CARE NOT TO NICK THE CENTRE CONDUCTOR OR BRAID.



- 2) CRIMP THE PIN ONTO THE CENTRE CONDUCTOR.



- 3) INSERT THE PIN INTO THE BODY, ENSURING THAT IT CAPTIVATES AND THAT ALL OF THE BRAID IS ON THE OUTSIDE OF THE MANDRIL. SLIDE THE FERRULE OVER THE BRAID UNTIL IT BUTTS UP AGAINST THE BODY, THEN CRIMP THE FERRULE AND SLIDE THE STRAIN RELIEF SLEEVE OVER THE FERRULE AS SHOWN.



Stripping tool part No:

VX1301

Crimp tool part No:

DCC1113

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BNC Insulated Crimp plug (grey) for RG58 cable type

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